Plymovent "The Smart One" Multi Dust & Fume Extractor

**Stock Code:** EU1384  
**Manufacturer:** Plymovent  
**Model:** SmartOne  
**Year of Manufacture:** 2003  
**Serial:** 4850-1061  
**New or Used:** Used (Second Hand)  
**Approx Duty CFM / M³/Hr:** 700 // 1200  
**Filter Area ft² / m²:** max 215 // 20  
**Weight:** 163  
**External Dimensions (WxDxH):** 700 x 1430 x 1700

The SmartOne is a dry dust and smoke collector with a self-cleaning filter.

PlymoVent self-cleaning cartridge filter the "Smart "One" is a unique efficient filter, which is developed for filtration of all kinds of dry dust, welding fume, grinding dust and other dry air pollutants within the Metal industry, Plastic and Rubber, Chemical, Mining and the Food Industry etc.

Plymovent's Smart"One" filter is a highly-efficient cartridge collector for removal of many sorts of dust, welding fume, grinding dust and other dry contaminants.
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Simple and reliable principle of filtration.

Contaminated air passes over a baffle protecting the cartridges, and the particles are evenly applied over the surface. The air is cleaned up to an efficiency of 99.9%. Cleaning of the cartridge takes place by a short pulse of compressed air from a valve inside the cartridge, with help from a specially designed Ram-Air cartridge holder (the cleaning can be done during operation with or without the fan running).

Advantages

- Ram-Air™ High Energy Cleaning System
- Higher airflow and better cleaning ability of the filter media through pleating stabilizing design
- Automatic filter cleaning guarantees a constant maximum volume extraction
- Manual filter cleaning at any time, not only when the filter is full
- Fully adjustable timer settings
- Filter status indicator light
- Simple installation
- Compact design
- Minimum of maintenance required

Features

- Multiple mounting options
- Pressure-controlled automatic self-cleaning
- Integrated soft touch operating system
- Efficient filtration of dust and fumes
- Low cost of ownership

Recommended for

- Medium to medium-heavy applications
- Professional manual welding
- Intermittent semi-automatic welding
- Robotic welding

Technical data

- Supply: AC3 Voltage: 400, V 2.2kW
- Frequentz: 50/60 Hz
- Output voltage: 24 VAC
- Compressed air feed: Max 5 bar./65lb/sq.in
- Working temperature, electronic: -10°C to +50°C, 14°F to 122°F
- Safety classification: IP54

View Plymovent "The Smart One" Multi Dust & Fume Extractor on our web site at https://www.rileysurfaceworld.co.uk/machines/26769.htm

PHOTOGRAPHS TAKEN PRIOR TO REFURBISHMENT.